

ORIGINAL TO GENERAL FILES

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTERDEPARTMENT CORRESPONDENCE**

**FILE** STP-8016(3) Muscogee County **OFFICE** Preconstruction  
P. I. No. 350730 **DATE** August 31, 1999

**FROM** C. Wayne Hutto, Assistant Director of Preconstruction

**TO** SEE DISTRIBUTION

**SUBJECT** REVISED PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

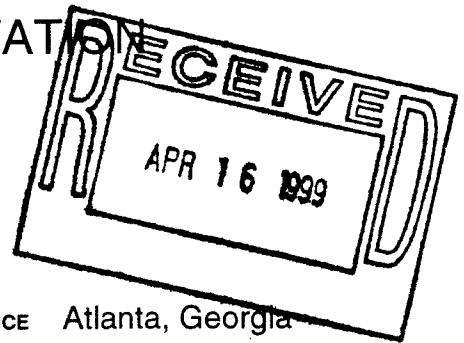
CWH/cj

Attachment

**DISTRIBUTION:**

**Walker, Scott**  
Bobby Mustin  
David Studstill (ATTN: Harvey Keeper)  
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Georgene Geary (ATTN: Michael Henry)  
Marion Waters  
Marta Rosen  
Joe Palladi  
Joe Street

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA




INTERDEPARTMENT CORRESPONDENCE

FILE STP-8016(3), Muscogee County  
P.I. No. 350730  
Talbotton Road Widening from  
7<sup>th</sup> Ave. to Woodruff/Hilton

OFFICE Atlanta, Georgia

DATE April 6, 1999

FROM   
Joseph Palladi, P.E., State Urban Design Engineer

TO Walker W. Scott, Jr., P.E., Director of Preconstruction

**SUBJECT Revised Project Concept Report**

The approved concept is the widening of a 1.9 mile section of Talbotton Road/Warm Springs Road, in Columbus, to provide a multilane facility from near 7<sup>th</sup> Avenue to the Woodruff Road/Hilton Avenue intersection. The length of the project is 1.9 miles. The following describes the approved concept:

Talbotton Road will be widen between 7<sup>th</sup> Avenue and the Woodruff Road/Hilton Avenue intersection. The typical section will consist of an urban section with four twelve feet lanes (two in each direction) with a 20 feet raised median on 92 feet minimum right of way and will be design speed of 35 mph. Median crossovers will be provided at selected locations.

Due to potential impacts to individual historic parcels and districts, the typical section was reduced to two 3.3 m (11 ft) lanes in each direction with a 4.8 m (16 ft.) raised median. Curb and gutter will be placed on both sides of the roadway. The total width of the curb and gutter shoulders will be 3.6 m (12-ft). Turn lanes will be placed at intersections as required. Sidewalks will be provided on at least one side. In developed areas sidewalks will be on both sides. Therefore, the approved concept shall be revised to include the attached revised typical section.

The concept shall also be revised to extend the project limits approximately <sup>200 M</sup>~~500 m~~ to provide improvements to the Warm Springs Road intersection with Woodruff Road/Hilton Avenue, which will increase the project length to 3.25 km (2.02 miles). A capacity analysis of this intersection determined that double lefts were needed on both approaches along Warm Springs Road. The Woodruff Road/Hilton Ave. approaches required right turn lanes and longer left turn storage lengths. The project extension was required in order to transition the four through lanes and double lefts back to a five-lane

section. The project limits on Woodruff Road is extended 300 m and on 12<sup>th</sup> Avenue 160 m in both north and south directions.

A copy of the revised typical section and the revised cost estimate is attached to this report.

Estimated Costs:	Proposed	Approved	Prog. Date
Construction (Includes E&C and Inflation)	\$ 7,790,000	\$7,590,000	2000
Right-of-Way	\$ 13,100,000	\$4,000,000	1998
Utilities	LGPA	LGPA	

It is recommended that the proposed revision to the concept report be approved for implementation.

Concur:



Walker W. Scott, Jr., P.E.  
Director of Preconstruction

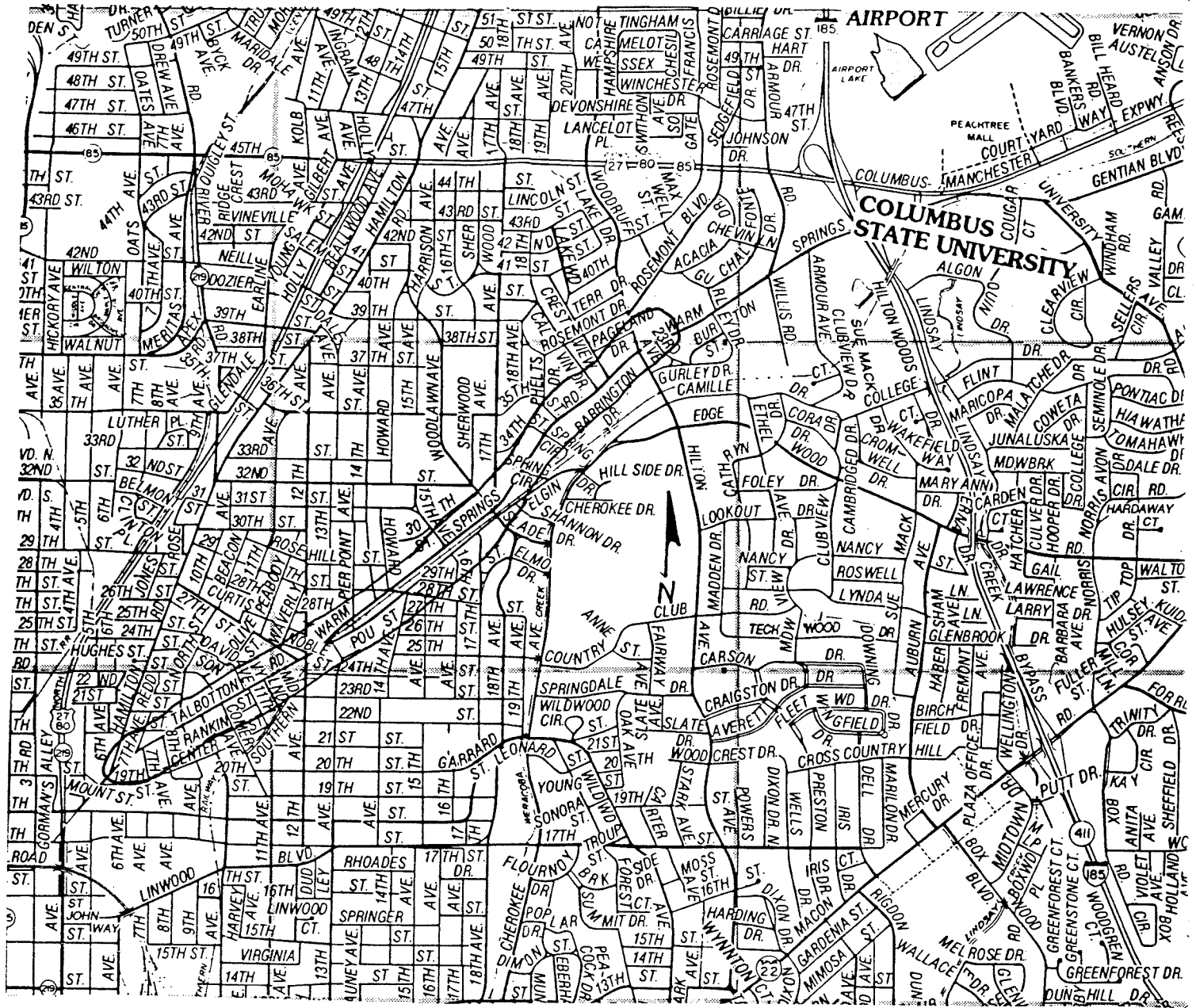
Approve:



Frank L. Danchetz, P.E.  
Chief Engineer

  
JPP:GRS

Attachments: Sketch Map, Cost Estimate, Typical Section



## Project Location Sketch

STP-8016(3), Muscogee County  
 Talbotton Road Widening from 7<sup>th</sup> Ave. to Woodruff Ave./Hilton Ave.  
 P.I. No. 350730

## Preliminary Cost Estimate

**Georgia Department of Transportation  
Office of Urban Design  
Talbotton /Warm Springs Road Widening**

**Project No. STP-8016(3) P.I. No. 350730 Muscogee County**

**Length: 3.25 km (2.02mi.)**

**Date: 3/10/99**

**Prepared by: DPM      Revised JTC/GRS    4/6/99**

<i>Project Costs</i>	<i>Qty.</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Cost</i>
<b>Right-Of-Way</b>			\$13,100,000.00	\$13,100,000.00
<b>Utilities</b>			LOCAL	LOCAL
<i>Major Structures</i>				
1. Retaining Walls	0.00	m <sup>2</sup>	\$0.00	\$0.00
2. Culverts	0.00	m <sup>3</sup>	\$0.00	\$0.00
conc	0.00	kg	\$0.00	\$0.00
rebar				\$0.00
<i>Grading &amp; Earthwork</i>				
1. Borrow	0.00	m <sup>3</sup>	\$0.00	\$0.00
2. Excavation				
a. soil	30000.00	m <sup>3</sup>	\$9.00	\$270,000.00
b. rock	0.00	m <sup>3</sup>	\$0.00	\$0.00
<b>SUBTOTAL</b>				<b>\$270,000.00</b>
<i>Drainage</i>				
1. Pipe	0.00	m	\$0.00	\$0.00
2. Catch Basins	0.00	ea	\$0.00	\$0.00
3. Drop Inlets	0.00	ea	\$0.00	\$0.00
4. Drainage Lump Sum	4.70	km	\$200,000.00	\$940,000.00
<b>SUBTOTAL</b>				<b>\$940,000.00</b>
<i>Base &amp; Paving</i>				
1. GAB(200 mm)	35000.00	Mg	\$14.00	\$490,000.00
<i>Asphalt Paving</i>				
1. 12.5 mm SUPERPAVE (90 kg/m2)	6450.00	Mg	\$41.00	\$264,450.00
2. 19 mm SUPERPAVE (120 kg/m2)	8560.00	Mg	\$40.00	\$342,400.00
3. 25 mm SUPERPAVE (180 kg/m2)	12850.00	Mg	\$38.00	\$488,300.00
4. Asphaltic Leveling	1000.00	Mg	\$37.50	\$37,500.00
5. Bituminous Tack	23000.00	L	\$0.30	\$6,900.00
<b>SUBTOTAL</b>				<b>\$1,629,550.00</b>

<i>Concrete Work</i>				
Curb & Gutter	18800.00	m	\$36.00	\$676,800.00
Gravity Retaining Walls	400.00	m <sup>3</sup>	\$450.00	\$180,000.00
Sidewalks	9000.00	m <sup>2</sup>	\$33.50	\$301,500.00
Valley Gutter	700.00	m <sup>2</sup>	\$32.00	\$22,400.00
Median Paving	600.00	m <sup>2</sup>	\$34.50	\$20,700.00
	<b>SUBTOTAL</b>			<b>\$1,201,400.00</b>
<i>Lighting/Sign/Striping/Signals</i>				
Signals	8.00	ea	\$45,000.00	\$360,000.00
Sign & Striping	lump sum	lump	\$250,000.00	\$250,000.00
	<b>SUBTOTAL</b>			<b>\$610,000.00</b>
<i>Guardrail</i>				
	0.00	m	\$0.00	\$0.00
<i>Traffic Control</i>				
	lump sum	lump	\$300,000.00	\$300,000.00
<i>Lump Sum Items</i>				
<i>Clearing &amp; Grubbing</i>				
	lump sum	lump	\$800,000.00	\$800,000.00
	<b>SUBTOTAL</b>			<b>\$800,000.00</b>
<i>Grassing</i>				
	lump sum	lump	\$50,000.00	\$50,000.00
	<b>SUBTOTAL</b>			<b>\$50,000.00</b>
<i>Erosion Control</i>				
	lump sum	lump	\$300,000.00	\$300,000.00
	<b>SUBTOTAL</b>			<b>\$300,000.00</b>
<i>Miscellaneous Items</i>				
1. Field Office TP 3	1.00	ea	\$35,000.00	\$35,000.00
2. R.O.W. markers	300.00	ea	\$60.00	\$18,000.00
	<b>SUBTOTAL</b>			<b>\$53,000.00</b>

## **ESTIMATE SUMMARY**

A. Right of Way	\$13,100,000.00
B. Reimbursable Utilities	LOCAL

### **CONSTRUCTION COST SUMMARY**

C. Clearing And Grubbing	\$800,000.00
D. Earthwork	\$270,000.00
E. Base and Paving	\$1,630,000.00
F. Drainage	\$940,000.00
G. Concrete Work	\$1,202,000.00
H. Traffic Control	\$300,000.00
I. Erosion Control	\$300,000.00
J. Guardrail	\$0.00
K. Signs, Striping, Signals, Lighting	\$610,000.00
L. Grassing/Landscaping	\$50,000.00
M. Miscellaneous	\$53,000.00

<b>ROADWAY SUBTOTAL</b>	<b>\$6,155,000.00</b>
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N. Major Structures	\$0.00
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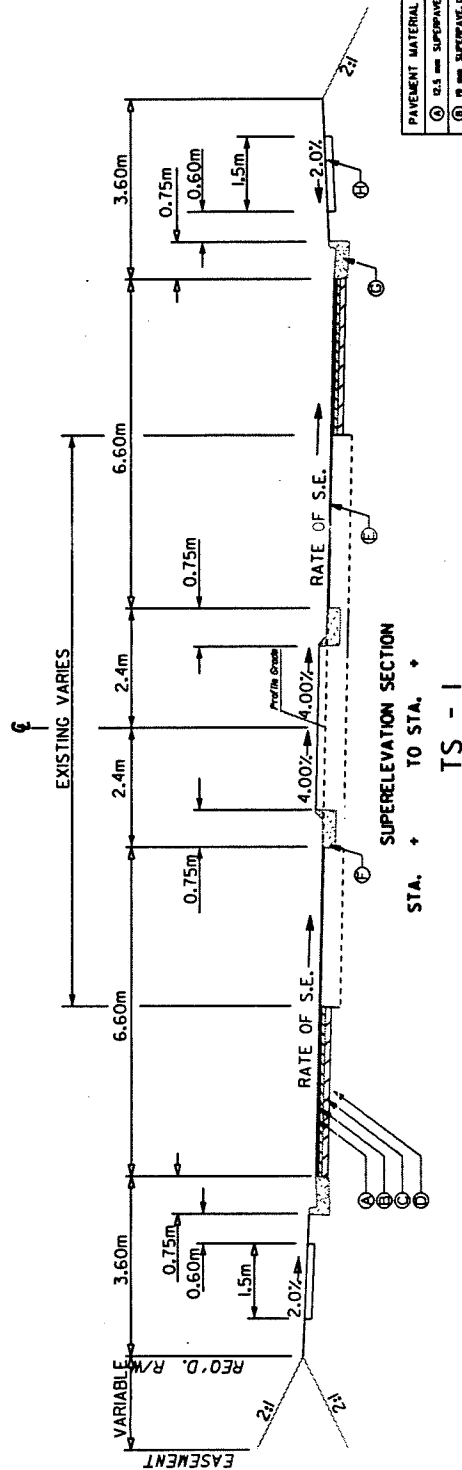
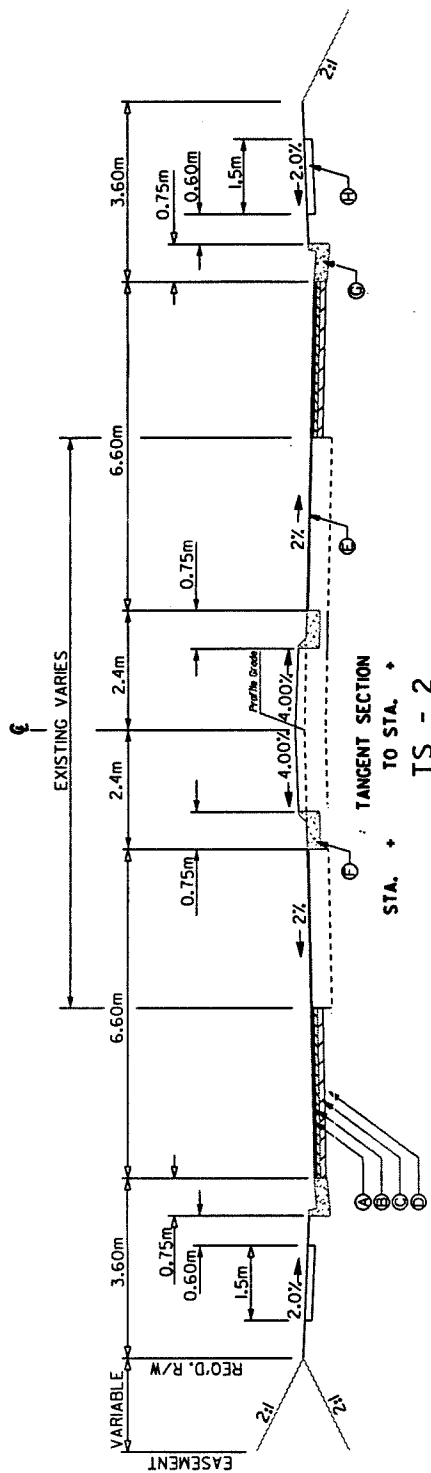
<b>CONSTRUCTION TOTAL</b>	<b>\$6,155,000.00</b>
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3 years of inflation at 5%	\$923,250.00
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10% E & C	\$707,825.00
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<b>CONSTRUCTION ESTIMATE SUBTOTAL</b>	<b>\$7,786,075.00</b>
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<b>TOTAL CONSTRUCTION ESTIMATE</b>	<b>\$7,790,000.00</b>
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PAVEMENT MATERIAL SCHEDULE	
A	0.5 mm SUPERPAVE, 50 kg/m <sup>2</sup>
B	9 mm SUPERPAVE, 100 kg/m <sup>2</sup>
C	25 mm SUPERPAVE, 300 kg/m <sup>2</sup>
D	GRADED AGGREGATE BASE, 200 mm
E	ASPHALTIC CONCRETE LEVELING, AS REQUIRED
F	CONC. CURB AND GUTTER, TYPE 7, 6A STD 9033N
G	CONC. CURB AND GUTTER, TYPE 8, 6A STD 9033N
H	CONCRETE SIDEWALKS

**PBS**

[illegible]



PROJECT NUMBER/COUNTY: STP-8016(3) MUSCOGEE

P. I. NUMBER: 350730

This project concept is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or the STIP.

Marta V. Rosen

STATE TRANSPORTATION PLANNING ADMINISTRATOR

DATE: 5/24/99

